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(71) Applicant: **IZUMI IND LTD**

(72) Inventor:
IZUMI TOMOAKI
NUKINA MASAHIKO
TAGAMI SHIGERU

**(54) PISTON FOR INTERNAL COMBUSTION ENGINE
AND MANUFACTURE THEREOF**

(57) Abstract:

PURPOSE: To provide an internal combustion engine piston that connects a heat resistant reinforcing member fast to the upper part of a piston body so efficiently and firmly, while making it so as to form a cooling cavity inside at need, and the manufacturing process.

CONSTITUTION: A heat resistant reinforcing member 19 consisting of Ni-resist cast iron, by way of example, is premanufactured separately from a piston body, and the reinforcing member 19 like this is connected fast to an upper part of the piston body 28 consisting of an aluminum alloy by means of friction welding. At this time, a circumferential groove 41 being installed at the upper side of the piston body 28 is closed by the reinforcing member 19, thereby forming a cooling cavity 36 there.

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